

# nSynC-vc3U *Specification Sheet*

## SimulCharge™, Voltage Converter, 3 x USB Adapter for USB-C Mobile Devices

The nSynC-vc3U is a SimulCharge™ adapter designed for use with select USB-C mobile devices. It features simultaneous charging and access to data, a built-in voltage converter and 3 USB-A ports for connecting USB peripherals. The nSynC-vc3U also supports Docking Detect, which ensures the “greeting protocols” between the mobile device and adapter are executed consistently and correctly every time they are plugged in. The built-in voltage converter can take a DC power input of 9-36V and steps it down to 5V for use with the mobile device. It allows the adapter to be placed up to 50 feet (15m) away from the power source.

### FEATURES

- USB Host operation while charging (SimulCharge™)
- Voltage converter
- 3x USB-A port
- Docking Detect
- No mobile device rooting required
- LAVA Limited Warranty

### SYSTEM REQUIREMENTS

- Mobile devices: Please refer to the published compatibility list

### POWER INPUT

- DC power source capable of 9-36V
- For aux. power, the USB-C port can be used (port rated for maximum 5V at 2A input)

### POWER OUTPUT (TO MOBILE DEVICE)

- 5V at 2A

### POWER SUPPLY

- 9-36V DC power supply with 2mm Center Pin Positive Barrel Jack connector (sold separately)
- For auxiliary power, a USB charger/power supply with a USB-C connector, such as the power supply provided with the mobile device. Any regulated 5-volt power supply capable of at least 2 amperes can be used.

### PORTS/CONNECTORS

- 3 x USB-A port (for USB 2.0 accessory)
- 1 x Barrel (2 mm) DC Output Connector (Centre Pin Positive)
- 1 x USB-C port (mobile device connection)
- 1 x USB-C port (“Aux. 5V Input”)

### INDICATOR LEDS

- 1 x Charge Status indicator LED
- 1 x Device Link indicator LED
- 1 x USB connect indicator LED

### CABLES

- 1 x USB-C to USB-C cable (up to 5ft/1.5m)  
**Note:** The cable is not included. However, it may be purchased from LAVA.

### MEASUREMENTS

- Depth: 3.3 inches (84 mm)
- Width: 3.8 inches (97 mm)
- Height: 1.7 inches (44 mm) – with standoffs
- Weight: 4.0 oz (113 g)